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|---|------------------------|----------------------------|
| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number     | 10/645,944                 |
|   | Filing Date            | 08/22/2003                 |
|   | First Named Inventor   | Shinichi Yatsuzuka, et al. |
|   | Art Unit               | 3748                       |
|   | Examiner Name          | Sheldon J. Richter         |
| Total Number of Pages in This Submission  | Attorney Docket Number | 4041J-000756               |

| ENCLOSURES (check all that apply)   |  |   |         |  |
|---|--|---|---------|--|
| <input type="checkbox"/> Fee Transmittal Form<br><br><input type="checkbox"/> Fee Attached<br><br><input checked="" type="checkbox"/> Amendment / Reply<br><br><input type="checkbox"/> After Final<br><br><input type="checkbox"/> Affidavits/declaration(s)<br><br><input type="checkbox"/> Extension of Time Request<br><br><input type="checkbox"/> Express Abandonment Request<br><br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input type="checkbox"/> Response to Missing Parts/ Incomplete Application<br><br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> Request for Refund<br><br><input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Technology Center (TC)<br><br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><br><input type="checkbox"/> Proprietary Information<br><br><input type="checkbox"/> Status Letter<br><br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br><br><b>Return Receipt Postcard</b> |         |  |
| <table border="1"><tr><td>Remarks</td><td>The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.</td></tr></table>  |  |   | Remarks | The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed. |
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| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |                                  |                                     |                    |
|--|----------------------------------|-------------------------------------|--------------------|
| Firm or Individual name                    | Harness, Dickey & Pierce, P.L.C. | Attorney Name<br>Michael J. Schmidt | Reg. No.<br>34,007 |
| Signature                                  |                                  |                                     |                    |
| Date                                       | September 9, 2004                |                                     |                    |

| CERTIFICATE OF TRANSMISSION/MAILING   |                    |                        |                              |
|---|--------------------|------------------------|------------------------------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. |                    |                        |                              |
| Typed or printed name   | Michael J. Schmidt | Express Mail Label No. | EV 531 989 875 US (9/9/2004) |
| Signature   |                    | Date                   | September 9, 2004            |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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EV 531 989 875 US

09/10/04

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**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 10/645,944  
Filing Date: August 22, 2003  
Applicant: Shinichi Yatsuzuka, et al.  
Group Art Unit: 3748  
Examiner: Sheldon J. Richter  
Title: STEAM ENGINE  
Attorney Docket: 4041J-000756

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Director of The United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**RESPONSE TO ELECTION OF SPECIES**

Sir:

In response to the Office Action mailed August 18, 2004, Paper No./Mail Date 20040816, please consider the following.

The Examiner has required an election of species pursuant to 35 U.S.C. § 121 to one of the following patentably distinct species:

- I. The species principally illustrated in Figure 2;
- II. The species principally illustrated in Figure 4;
- III. The species principally illustrated in Figure 5;
- IV. The species principally illustrated in Figure 6A;
- V. The species principally illustrated in Figure 7;

- VI. The species principally illustrated in Figure 8;
- VII. The species principally illustrated in Figure 9;
- VIII. The species principally illustrated in Figure 10; and,
- IX. The species principally illustrated in Figure 11.


Applicants, without traverse, respectfully request the Examiner to proceed with Species I principally illustrated in Figure 2. Applicants believe that Claims 1-5, 8, 10, 13 and 15 read on the elected species and that at least Claims 1 and 2 are generic. Applicants request that the non-elected Claims be held in abeyance for possible rejoinder and/or further prosecution in future divisional and/or continuation applications.

### **CONCLUSION**

It is believed that a full and complete response has been made to the outstanding Office Action, and as such, the present application is in condition for allowance. Thus, prompt and favorable consideration of this Response is respectfully requested. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (248) 641-1600.

Respectfully submitted,

Dated: September 9, 2004  
HARNES, DICKEY & PIERCE, P.L.C.  
P.O. Box 828  
Bloomfield Hills, MI 48303  
(248) 641-1600

By:   
Michael J. Schmidt  
Reg. No. 34,007

MJS/pmg